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## O&O Defrag 16 also reduces time needed for backups on Windows Server 2012

**The volume of data being saved, edited, and then saved again on servers in company networks is growing constantly. These frequent changes on files are responsible for increased fragmentation, and this slows down servers considerably. As a result, hard disk access takes much longer which means that regularly scheduled backups also require more time to complete. Routine defragmentation on servers with O&O Defrag 16 significantly reduces the time needed for backing up data.**

Berlin, November 20th, 2012 – The defragmentation solution O&O Defrag 16 is now also available for application in companies as a Workstation and Server Edition. The O&O Defrag engine itself has been fully updated which means that now, in addition to the older Server 2008, 2003 and Windows XP, the Windows Server 2012 also profits from this gain in performance.

When it comes to backing up data, time is really of the essence. The constantly growing data volume that companies usually need to backup daily also increases the amount of time required for making backups. Backups frequently need to be made around the clock in order to guarantee the consistency of their condition. This not only results in a lot more administrative work, it's also a frequent cause of increased expenditures for procuring new backup software. These costs could be avoided by just reducing the amount of time needed for making backups. This is where O&O Defrag comes in handy by permanently and continuously managing the way files are saved on server systems. With it, the amount of time needed for reading files is cut down dramatically so acquisition of new hardware is no longer an issue. Simultaneously, the administrative costs for IT personnel sink as well because the elimination of heavily fragmented files means backups can be made much faster.

In addition to lowering costs and increased performance, defragmentation also brings increased security for company data. Why? If a sudden loss of data should ever occur, the chances for complete recovery are considerably higher. How? It's much easier for data recovery programs to reconstruct files that are saved consecutively than when they're scattered across various hard disk sectors.

Just as in the previous version, the O&O Defrag 16 Workstation and Server Editions can be controlled across a network by the O&O Enterprise Management Console (available as an option).

### **New and improved features**

As a result of the necessary algorithm being optimized, saved file fragments are now merged even better than ever. The new version also provides more support for defragmentation of locked files and the optimization for Solid State Drives (SSDs) has been extended to include additional manufacturers.

**Time View:** A graph indicates which user action has resulted in which successful optimization on which drive. For improved comparison, the current level of

fragmentation will be indicated as soon as an action's completed, followed by a display of the "Before" status.

**Automatic defragmentation:** The administrator can, of course, decide when, how, and which file should be defragmented. Thanks to automatic optimization, there's no need for any manual defragmentation. It is enabled after installation by default and optimizes disks in the background, without slowing down the computer's performance. O&O Defrag can also be configured to start defragmentation whenever a certain level of fragmentation is reached on a hard disk or partition, on a particular day of the week, or whenever the screensaver is active. Defragmentation can be paused and continued at any time because O&O Defrag automatically recognizes where the defragmentation was interrupted.

**Faster defragmentation:** O&O Defrag is able to defragment multiple drives simultaneously. Algorithms have also been greatly accelerated to reduce the time needed for defragmentation.

**Evaluation and analysis:** After the program's started, an analysis of all drives can be carried out and when completed, the level of fragmentation on each drive will be displayed. The most heavily fragmented files will be indicated as will the physical location of file fragments on the hard disk. A dynamic block view appears during defragmentation and with the help of a before and after view, the user can get a clear picture of how the system has been optimized.

**Measureable success of defragmentation:** Various statistics indicate the number of file fragments that were eliminated and how many files have been accelerated as a result. The user can recognize the benefits of frequent defragmentation, follow this success over weeks and months, and better customize defragmentation settings to suit his or her requirements.

**Automatic updates:** O&O Defrag automatically checks if updated program versions are available and this guarantees that defragmentation is always being run using the latest technology. Optimization for SSDs of any make: O&O Defrag can optimize SSDs from any manufacturer, even under Windows XP and Vista. This speeds up write access on SSDs considerably and helps avoid premature abrasion.

**STEALTH, SPACE and COMPLETE defragmentation methods:** STEALTH and SPACE have been optimized for the fastest possible defragmentation whereas the COMPLETE methods carry out a more thorough process. These require more time and memory for doing this. The optimal utilization of existing storage space also prevents any new fragmentation. All methods can be applied to any drive, including Volume and Stripe Sets, and of course guarantee maximum reliability.

**Zone filing on drives:** A logical separation of data into performance-critical and noncritical files is conducted through an alternative setting which divides drives into so-called Zones. Files are sorted based on their use and access frequency and moved into appropriate zones. For example, system and program files that need to be accessed very quickly are separated from other data such as documents and downloads. Fragmentation is prevented intelligently through the separation of files written rarely or frequently. This logical arrangement not only shortens the duration of the system or program start, but also prevents fragmentation of program files from ever occurring.

**Power management for Netbooks and Notebooks:** As soon as mobile systems such as Notebooks or Netbooks are no longer connected to external power sources, the defragmentation is interrupted so that the full battery power is available for mobile workers.

**Automatic defragmentation:** Automatic defragmentation optimizes disks in the background without slowing down the computer's performance. A special method for monitoring disk activity guarantees that system resources are used most effectively.

**Manage O&O Defrag across a network:** In conjunction with the O&O Enterprise Management Console, O&O Defrag can be managed from a central location across a network. This makes it possible to run defragmentation jobs on individual desktops, servers, and entire sites, as well as for to install and upgrade O&O Defrag remotely. All events are logged in detailed reports and saved in a database so that a job's success can be seen at any time.

**Remote control in the same network:** All users in the same network are able to control O&O Defrag remotely. A computer's drives can be optimized and analyzed when, for example, executing jobs. It's also possible to generate and view reports for other computers from the network

#### **Save money by defragmenting**

Note: Find out how defragmentation reduces costs by visiting: <http://corp.oo-software.com/en/performance/save-costs-with-oo-defrag>.

#### **Pricing and availability**

O&O Defrag 16 Server is priced at \$199 and the O&O Defrag 16 Workstation Edition from \$21.45. All prices include 19% VAT where applicable.

Information about volume licenses can be requested here: <http://corp.oo-software.com/en/get-a-quote?product=ood>.

A free 30 day trial version of O&O Defrag 16 Server Edition is available on the O&O Website: <http://www.oo-software.com/odefrag/>.

#### **About O&O Software**

O&O develops solutions for corporate customers that not only support them in their daily activities, but also help substantially reduce their costs. Our products for system optimization, data imaging, data recovery, secure data deletion and company-wide administration are pioneers in the Windows technology sector. Together with our worldwide network of partners, we support corporations, companies, public authorities and private customers in over 140 countries, all from our headquarters in Berlin, Germany.

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